C L A I M S

1. A connector (16,18,20) for the connection of the end portion of a pipe, a pipeline, a pipe string or coiled tubing (10) and formed or provided with at least one connecting device (22) for equipment/tools, preferably downhole equipment/tools, said connector (16,18,20) comprising parts (16, 18 and 20) that can be screwed together and have aligned bores for the accommodation of said pipe end portion, which is to be secured in the connector in the screwed-together condition of the parts (16, 18 and 20), c h a r a c t e r i z e d i n that a radially inner transversally shrinkable adapter sleeve (20), which is to bear, in the connected position, by its inner circumferential surface in a clamping manner against the outer jacket surface of the pipe end portion (10), has an external conically extending threaded jacket surface, which is formed with a view to cooperation with a surrounding outer adapter and connector sleeve (18) with an internal conically extending threaded circumferential surface, said outer adapter and connector sleeve (18) being formed to cooperate with a threaded jacket potion of a socket-like connecting element (24) formed on an end piece (16) or similar, exhibiting said connecting device (22) for downhole equipment etc.

2. A connector according to claim 1, c h a r a c t e r i - z e d i n that the outer adapter and connector sleeve (18) has an axial length that exceeds the double axial length of the inner adapter sleeve (20), whose length essentially corresponds to the depth of entering/screwing of the socket-like connecting element (24) into the outer sleeve (18).

3. A connector according to claim 1 or 2, c h a r a c - t e r i z e d i n that the connector parts, which can be screwed together, in the form of the inner sleeve (20) and the socket-like connecting element (24) of the end piece (16), both have straight cylindrical bores, whereas the outer sleeve (18) has a straight cylindrical outer jacket, so that the conical extent of each of said parts (16, 18 and 20) results in a sleeve wall thickness decreasing towards one end, the parts cooperating with each other two and two, in a total wall thickness essentially corresponding to one sleeve wall thickness.

4. A connector according to claim 1, 2 or 3, c h a r a c - t e r i z e d i n that at the end located the farthest from said end piece with the socket (24), the outer sleeve (18) is formed with an inward annular flange defining a sleeve bore section of a diameter generally corresponding to the outer diameter of the coiled tubing.

5. A connector according to claim 1, 2, 3 or 4, c h a - r a c t e r i z e d i n that the inner shrinkable adapter sleeve (20) has a threaded, preferably right-hand threaded, internal circumferential surface, said threads being formed with a view to resisting the sliding, rotation and/or displacement of the inner adapter sleeve (20) on the pipe end portion during and after the establishment of the connection.

6. A method of establishing the connection and securing of a pipe end portion (10) to/in a connector (16,18,20) formed in accordance with one or more of the preceding claims, c h a r a c t e r i z e d i n that externally over a free pipe end portion (10), which is to be connected to and thereby be secured in the connector, is first passed an elongate adapter sleeve (18) with an

inner surface extending longitudinally conical, defining the sleeve bore and provided with threads, after which an inner shrinkable adapter sleeve (20) with a threaded jacket surface of an externally conical extent is passed over the pipe end portion (10) and is positioned in the longitudinal direction thereof, after which the outer adapter and connector sleeve (18) is screwed by its internally threaded circumferential surface on the external threaded portion of the inner adapter sleeve (20) and compresses the inner adapter sleeve (20) constantly more during the relative displacement of their cooperating conical surfaces in the longitudinal direction of the connector, whereby the portion of the outer sleeve (18), compressively enclosing the inner sleeve (20), is constantly decreasing in bore diameter in the screwing, at the completion of which a free internally threaded bore wall portion of the outer sleeve (18) projects axially beyond the nearest end of the shrunk inner sleeve (20), after which the connecting operation is completed in that an externally threaded, conically extending socket-like connecting element (24) of an end piece (16) included in the connector, is screwed into said free internally threaded bore wall portion of the outer sleeve (18), until the free end surfaces of the outer sleeve (18) abuts, in a movement-limiting manner, an annular stop surface (28) by said connecting element (24).